



PTO/SB/08A (08-03)

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/625,014
Filing Date	July 22, 2003
First Named Inventor	Daniel P. Rini
Art Unit	3744
Examiner Name	
Attorney Docket Number	RTI-101XC1

Sheet 1 of 3

**U.S. PATENT DOCUMENTS**

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number - Kind Code* (if known)				
WGA	U1	US- 1,896,081	02-07-1933	Hampson	All	
	U2	US- 1,896,953	02-07-1933	Hassell	All	
	U3	US- 1,974,317	09-18-1934	Steenstrup	All	
	U4	US- 2,566,865	09-04-1951	Wingerter	All	
	U5	US- 2,768,508	10-30-1956	Guyton	All	
	U6	US- 2,920,463	01-12-1960	Gould	All	
	U7	US- 3,200,480	08-17-1965	Heuer	All	
	U8	US- 3,214,087	10-26-1965	Luck	All	
	U9	US- 3,555,848	01-19-1971	Johnson	All	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
WGA	F1	CH	106 312	A	01-02-1925	Kaegi Emil	All	
	F2	DE	160 351	C	05-10-1905	Gustav Berger	All	
	F3	DE	848 656	C	09-08-1952	Supraton GMBH Deutsche	All	
	F4	FR	1 158 943	A	06-20-1958	Chantiers De L Atlantique	All	
	F5	FR	971 287	A	01-15-1951	J.L. See and AK De Ribert	All	
	F6	GB	1 590 923	A	06-10-1981	Wankel GMBH; Borsig GMBH	All	
	F7	GB	2 107 852	A	05-05-1983	SECR Defence	All	

Examiner  
Signature

WGA

Date  
Considered

8/11/04

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First Named Inventor	Daniel P. Rini
Art Unit	3744
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Attorney Docket Number	RTI-101XC1

Sheet

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of

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Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
WE	U10	US- 4,287,724	09-08-1981	Clark	All
	U11	US- 4,300,630	11-17-1981	Trojani	All
	U12	US- 4,630,669	12-23-1986	Kessler <i>et al.</i>	All
WE	U13	US- 5,097,897	03-24-1992	Watanabe <i>et al.</i>	All
	U14	US-			
	U15	US-			
	U16	US-			
	U17	US-			
	U18	US-			

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	F1					
	F2					
	F3					
	F4					
	F5					
	F6					
	F7					

Examiner  
Signature

WE

Date

Considered

8/11/04

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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/625,014
		Filing Date	July 22, 2003
		First Named Inventor	Daniel P. Rini
		Group Art Unit	3744
		Examiner Name	
Sheet	3	of	3
		Attorney Docket Number	RTI-101XC1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
W&F	R1	LI, Q. et. al. "Heat Transfer and Pressure Drop Characteristics in Rectangular Channels with Elliptic Pin Fins" <i>International Journal of Heat and Fluid Flow</i> , 1998, pp. 245-250; Vol. 19.	
	R2	OGURA, I. "The Ogura-Wankel compressor-Application of Wankel Rotary Concept as Automotive Air Conditioning Compressor" <i>International Congress &amp; Exposition</i> , 1982.	
	R3	XP001187086 "Advanced Lightweight Microclimate Cooling System (ALMCS)" <i>Natick Soldier Center</i> , December 19, 2001.	
W&F	R4	XP001187087 "Portable Vapor-Compression Cooling System (PVCS)" <i>Natick Soldier Center</i> , December 19, 2001.	
	R5		
	R6		
	R7		
	R8		
	R9		
	R10		
	R11		
	R12		
	R13		

Examiner Signature	W&F	Date Considered	8/11/04
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